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## **GENERAC® BI-FUEL™ GENERATOR DRAMATICALLY EXTENDS RUN TIMES**

*Combines diesel fuel with natural gas in bi-fuel operation*

**Waukesha, Wis. – May 1, 2009** – The Bi-Fuel™ generator from Generac® Power Systems, Waukesha, Wis., combines diesel fuel with natural gas in a compression ignition engine to provide redundancy and extended run time capabilities, according to Clement Feng, executive vice president and chief marketing officer, Generac.

“Generac’s proven bi-fuel technology is now available in a larger kilowatt (kW) configuration, providing 600 to 9,000 kW of power,” says Feng. “The bi-fuel generator starts on diesel fuel and adds natural gas as load is applied. Typically, the generator operates on 30 percent diesel gas and 70 percent natural gas. Because of the reduced consumption of diesel fuel by the engine, run times per tank of fuel are significantly extended.”

According to Feng, a 20-inch tank of diesel fuel (469 gallons) provides 10 hours of run time, whereas a bi-fuel engine running off the same 20-inch tank extends the run time to 33 hours by supplementing with natural gas.

In addition, the Bi-Fuel generator engine provides built-in redundancy. According to Feng, if the natural gas supply is interrupted for any reason, such as a gas line block, the engine controls will automatically direct the unit back to 100 percent diesel without power interruption.

(more)

The Bi-Fuel generator also meets emissions requirements established by the South Coast Air Quality Management District. The introduction of natural gas in bi-fuel operation significantly reduces exhaust emissions, such as particulate matter and nitrogen oxides (NOx), and also provides reduced maintenance costs due to the clean burning characteristics of natural gas. In addition, because natural gas is the predominant fuel, reduced diesel fuel storage on site is an added benefit. With the increasing price of fuel, the Bi-Fuel engine also can save end-users money as it requires significantly less diesel.

The Bi-Fuel generator is controlled by Generac's PowerManager<sup>®</sup> System Controller, which integrates control of bi-fuel operation with all other generator control functions. Benefits include fast system response, minimized interconnect wiring, easy system monitoring and advanced diagnostic capabilities.

In addition, the Bi-Fuel generator is part of Generac's Modular Power System (MPS), a flexible and expandable power solution in which each genset backs up the others in the system, so critical loads receive redundant protection. The MPS provides all the benefits of parallel generation in a simple, single-source system that allows end-users to quickly and easily add units as additional power is needed.

For more information about the Bi-Fuel generator or the Modular Power System, please visit [www.Generac.com](http://www.Generac.com) or call 888-GENERAC.

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***About Generac Power Systems, Inc.***

*For nearly 50 years, Generac Power Systems, Inc. has been a leading manufacturer and marketer of innovative industrial, commercial and residential standby generators. For industrial requirements, Generac offers the Generac modular power system (MPS) for exceptional reliability and scalability; the Bi-Fuel system for dramatic fuel cost savings; and the Gemini Twin Pack system for serious space-saving requirements. For more information on Generac and its extensive line of both portable and automatic generators, visit [www.generac.com](http://www.generac.com).*

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## photo caption

**Waukesha, Wis. – May 1, 2009** – The Bi-Fuel™ generator from Generac® Power Systems, Waukesha, Wis., produces a run time that is three times greater than that of a diesel-only generator. The generator operates on 30 percent diesel gas and 70 percent natural gas, which means minimal on-site diesel fuel storage and lower particulate and nitrogen oxide emissions. End-users also will save money due to the rising cost of fuel. The Bi-Fuel generator engine also provides built-in redundancy, as the engine controls will automatically direct the unit to 100 percent diesel operation should the natural gas supply be interrupted. Generac's PowerManager® System Controller integrates control of bi-fuel operation with all other generator control functions for fast system response and easy monitoring.

